

## **Abstract**

The invention relates to a latch device for engaging with a keyboard within a housing of a portable electronic apparatus. The latch device includes a support, a latch, and a saw-toothed elastic strip. The support is connected with the housing, and a portion of the latch stretches out from the housing to engage with the keyboard. Two ends of the first saw-toothed elastic strip connect respectively with the support and the latch. The latch moves relatively toward the support by using the first saw-toothed elastic strip. The keyboard can be detached from the housing when an external force presses the latch into the housing. Moreover, because of the deformation of the first saw-toothed elastic strip, the first saw-toothed elastic strip provides a recovering force to press a portion of the latch out of the housing.